

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) Device for the production of anastomoses between first and second hollow organs (1, 2), ~~with~~ comprising

an inner sleeve [(3)] to be mounted around the end of the first hollow organ such that the end can then be turned inside out to lie over the inner sleeve; (1), and with an outer sleeve [(4)] to be mounted around the end of the second hollow organ [(2)] after the latter end has been arranged over the inside out end of the first hollow organs; ~~(1) which has been turned inside out over the inner sleeve (3), wherein the inner and outer sleeves (3, 4) are each being made separable so that they can be removed after anastomosis formation has been completed, characterized in that the inner sleeve (3) and the outer sleeve (4) comprise and comprising~~ electrically conductive materials that can be connected to an external current or voltage source [(9)] so that a current or a voltage can be applied to the electrically conductive materials for the electrocoagulation of the hollow organs [(1, 2)] that are to be connected to one another.

2. (Currently Amended) Device according to Claim 1, wherein at least one of ~~characterized in that~~ the inner sleeve (3) ~~and/or~~ and the outer sleeve [(4)] is made of the electrically conductive material.

3. (Currently Amended) Device according to Claim 1 ~~[(or 2)]~~, ~~characterized in that at~~ wherein at least one contact surface made of electrically conductive material is disposed at least one of the outer surface of the inner sleeve (3) ~~and/or~~ and the inner surface of the outer sleeve (4) ~~at least one contact surface (5, 6) made of electrically conductive material is disposed.~~

4. (Currently Amended) Device according to Claim 3, ~~characterized in that~~ wherein the contact surfaces $[(5, 6)]$ on the inner sleeve $[(3)]$ and the outer sleeve $[(4)]$ are arranged circumferentially.
5. (Currently Amended) Device according to ~~one of the Claims 1 to 4~~ Claim 1, ~~characterized in that~~ wherein at least one of the inner sleeve ~~(3) and/or~~ and the outer sleeve $[(4)]$ is constructed of ~~preferably flexibly~~ pivotable components ~~(3', 3" and 4', 4"~~ respectively).
6. (Currently Amended) Device according to Claim 5, ~~characterized in that~~ wherein the pivotable components ~~(3', 3" and 4', 4")~~ of the sleeves $[(3, 4)]$ comprise catch elements $[(19, 20)]$ to interlock in the closed position.
7. (Currently Amended) Device according to ~~one of the Claims 1 to 6~~ Claim 1, ~~characterized in that~~ wherein at least one of the inner sleeve ~~(3) and/or~~ and the outer sleeve $[(4)]$ comprises predefined breaking sites $[(17)]$.
8. (Currently Amended) Device according to ~~one of the Claims 1 to 7~~ Claim 1, ~~characterized in that~~ wherein the outer sleeve $[(4)]$ is formed by a wire arranged in the shape of a loop.
9. (Currently Amended) Device according to ~~one of the Claims 1 to 8~~ Claim 1, ~~characterized in that~~ wherein the inner sleeve $[(3)]$ comprises fitting elements $[(21)]$ and the outer sleeve $[(4)]$ comprises fitting elements $[(22)]$ of complementary shape, which fit into one another in the arrangement used during electrocoagulation.
10. (Currently Amended) Device according to ~~one of the Claims 1 to 9~~ Claim 1, ~~characterized in that~~ wherein at least one of the inner sleeve ~~(3) and/or~~ and the outer sleeve $[(4)]$ is made of a plastics material, for example polyethylene.
11. (Currently Amended) Device according to ~~one of the Claims 1 to 10~~ Claim 1, ~~characterized in that~~ wherein the contact surfaces $[(5, 6)]$ of the sleeves $[(3, 4)]$ are made of stainless steel.

12. (Currently Amended) Device according ~~one of the Claims 1 to 11~~ Claim 1, ~~characterized in that~~ wherein an apparatus $[(12)]$ is provided to measure the impedance between the contact surfaces $[(5, 6)]$ of the sleeves $[(3, 4)]$.
13. (Currently Amended) Device according to ~~one of the Claims 1 to 12~~ Claim 1, ~~characterized in that~~ wherein a temperature sensor is disposed on at least one of the inner sleeve (3) and/or and the outer sleeve (4) ~~a temperature sensor (13) is disposed.~~
14. (Currently Amended) Device according to ~~one of the Claims 1 to 13~~ Claim 1, ~~characterized in that~~ wherein a control means is connected to one of the current source and the $[[or]]$ ~~voltage source (9) a control means (10) is connected.~~
15. (Currently Amended) Device according to Claim 14, ~~characterized in that~~ wherein the control means $[(10)]$ comprises a time-switch $[(11)]$.
16. (Currently Amended) Device according to ~~one of the Claims 12 to 15~~, ~~characterized in that~~ Claim 12, wherein the impedance-measurement apparatus $[(12)]$ is connected to one of the current source, $[[or]]$ the voltage source, and (9) ~~or to the controls means $[(10)]$.~~
17. (Currently Amended) Device according to ~~one of the Claims 13 to 16~~, ~~characterized in that~~ Claim 13, wherein the temperature sensor $[(13)]$ is connected to one of the current source, $[[or]]$ the voltage source, and (9) ~~or to the control means $[(10)]$.~~
18. (Currently Amended) Device according to ~~one of the Claims 1 to 17~~, ~~characterized in that~~ Claim 1, wherein the sleeves (3, 4) have a substantially cylindrical cross section.